Web Platforms and Promotion Levels

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2014/07/01 10:26

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Hosted Platforms

ITE Infrastructure Services offers hosted environments for Java (WebSphere), PHP and ASP.NET (1.1, 2.0) web applications. Here are the key attributes of the three promotion levels:

Level	Development (DEV)	Test/Staging (TEST)	Production (PROD)
Access	File Share, assigned by PM	Web Admins only, updates by PM request	Web Admins only, updates by PM request
Network	Intranet ("Open/165" network)	Intranet, with PROD-like subnets and proxying	Internet via proxy (private subnets)
Uptime	No stated uptime.	No stated uptime.	99% monthly (7A-10P, 7 days)

Level
: The promotion (i.e., formality) level of the environment

Access
: Who has access to the web server for updates and configuration

Network
: What network is the server in? Who can reach the website?

Uptime
: What is the stated uptime of the server?

Usage Guidelines

In general, AEGS uses each promotion level for the following activities:

DEV
: Demo/incomplete versions of an application, initial deployment for testing (especially where new/updated components are being installed on the server), informal testing by the project team.

TEST (QA)
: Preparation for production deployment. Formal testing (functional, perf/scal, security, etc.). UAT is perfomed here. May be a short step in the process, but should always be a step to avoid problems in production.

PROD
: Deployment for real-life usage. In specific cases, may be allowed for non-production uses if the customers are not on the State network. In most cases, however, ISO will require VPN or proxy access instead.

Request Process

Until a fuller system is implemented by Operations, we're going to keep a GForge Tracker for our own server request tracking purposes.

- Submit a new request
- Search and filter requests
- Mailing list archives

The tracker also publishes its activity to a mailing list (aegscommon-servers@forge-lists.iowa.gov). If you're interested in seeing this activity as it happens, you can subscribe by reading up on mailing lists in GForge.